

AMENDMENTS TO THE CLAIMS:

This listing of claims replaces all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A duplexer comprising: Duplexer,
[[-]] at least one receiver (Rx) filter comprising a first each with Rx filters and Tx filters
made out of ceramic microwave resonators resonator; and
at least one transmission (Tx) filter comprising a second ceramic microwave resonator,
the first and second microwave resonators each comprising:
[[-]] consisting of a ceramic base [[(GK)]] having with internal metal-coated drill
holes that extend from a first (RB), which reach from a head surface of the ceramic base
(SF) through the entire base up to a second the floor surface of the ceramic base, the first
surface being on the opposite side of the second head surface,
[[-]] with an external a metal coating substantially covering (AM), which
predominantly covers the external surfaces of the ceramic base with the exception of the
first head surface,
[[-]] in which a metallic shielding structure (ST) is provided, which features, at a
at a distance from the first head surface, the metallic shielding structure comprising:
a frontal head plate (SP) running approximately parallel to the first surface
of the ceramic base, this,

an upper shielding clamp ~~(OB) bearing on the top side of the base~~ an
adsorbing upper depression in a third surface of the base, the third surface being
approximately perpendicular to the first surface of the ceramic base and the
second surface of the ceramic base and extending from the first surface to the
second surface; and

at least one lower shielding clamp on an adsorbing lower depression in
~~(UB) reaching under the base~~ a fourth surface of the base, the fourth surface being
approximately perpendicular to the first surface of the ceramic base and the
second surface of the ceramic base and extending from the first surface to the
second surface, the fourth surface being approximately parallel to the third
surface,

wherein ~~[[]] whereby the upper and the lower shielding clamp each run into the~~
~~absorbing upper and lower depressions in the surface of the base~~ ~~[[-]]~~ in which the head
plate (SP) is extended extends on a first lateral end and a second lateral end, the first and
second lateral ends being approximately perpendicular to the first surface and extending
from the third surface to the fourth surface, the head plate being both lateral, outer ends
and runs in lateral shielding clamps (SB), which laterally embrace the Rx filter and Tx
filter duplexer and are located in lateral cavities of the first lateral end and the second
lateral end base(s) (GK).

2. (Currently Amended) The duplexer of Duplexer according to claim 1, further comprising:

~~in which~~ a monolithic base ~~(GK) is provided,~~ in which the Rx-filter and Tx-filter are arranged is featured, and

~~in which wherein~~ the upper shielding clamp includes (OB) shows a longitudinal section ~~(LA) running~~ parallel to ~~the~~ a longitudinal axis of the ~~drill~~ holes, the upper shielding clamp having a width less than which is narrow in design in relation to the a width of the monolithic base.

3. (Currently Amended) The duplexer of Duplexer according to claim 1, wherein in ~~which~~ the Rx-filter and Tx-filter are implemented performed in bases, ~~(GK) the bases being~~ separated from one another. ~~-, and whereby the upper shielding clamp (OB) features a longitudinal section (LA) running parallel to the longitudinal axis of the drill holes, which is narrow in design in relation to the width of the base, which is centrally located above the separate joint and covers part of the topsides of both bases.~~

4. (Currently Amended) The duplexer of claim 1, wherein Duplexer according to one of the claims 1 to 3, in which the metallic shielding structure (ST) features comprises a first lower shielding clamp and a second lower shielding clamp, the first lower shielding clamp, the second lower shielding clamp, and the head plate forming clamps (UB) that form a π -shaped

structure. ~~together with the head plate (SP) and feature shortened ends compared to the length of the base (GK), which reach under the bases.~~

5. (Currently Amended) The duplexer of claim 1, wherein ~~Duplexer according to one of the claims 1 to 4, in which~~ the upper shielding clamp (OB) ~~only stretches~~ extends across a portion of less than the entire ~~part of the~~ length of the base (GK).

6. (Currently Amended) The duplexer of claim 1, wherein ~~Duplexer according to one of the claims 3 to 5, in which~~ the Rx-filter and the Tx-filter are implemented ~~performed~~ in bases, the bases being (GK) separated from one another ~~which are~~ and ~~arranged~~ at a short distance from one another.

7. (Currently Amended) The duplexer of claim 6, wherein ~~Duplexer according to one of the claims 1 to 6, in which~~ the shielding structure (ST) is connected to the bases by ~~means~~ of one or more of mechanical locking, bonding or soldering.

8. (Currently Amended) The duplexer of claim 1, wherein ~~Duplexer according to one of the claims 1 to 7, in which~~ at least one ~~element from~~ of the head plate (SP) and the lateral shielding clamps (SB) ~~show~~ have a height (h_s) that is ~~lower~~ less than ~~the~~ a height (h_G) of the ceramic base.

9. (Currently Amended) The duplexer of ~~Duplexer according to~~ claim 8, wherein in
~~which~~ the head plate comprises (SP) ~~is made of~~ a metallic strip having a substantially constant
~~with a width remaining constant, the~~ and having ends ~~[[of]]~~ which are bent along the first and
second lateral ends to ~~backwards on both sides and which~~ form lateral shielding clamps.

10. (Currently Amended) The duplexer of claim 1, wherein ~~Duplexer according to~~
~~one of the claims 1 to 9, in which~~ the head plate comprises a (SP) ~~is made based on the~~
crossbeam (QA) and the upper shielding clamp is arranged to form (OB) ~~from the foot of a T-~~
shaped steel unit with the crossbeam. ~~whereby the crossbeam partially bears on the top side of the~~
~~base (GK) and is bent on the front around the head surface (SF) but only at a very short distance~~
~~from the latter.~~

11. (New) The duplexer of claim 3, wherein the upper shielding clamp includes a
longitudinal section arranged approximately parallel to a longitudinal axis of the holes and
arranged above a separate joint, the longitudinal section of the upper shielding claim covering at
least a portion of the third surface of each of the bases.

12. (New) The duplexer of claim 11, wherein the upper shielding clamp has a width less
than a width of the base.

13. (New) The duplexer of claim 1, further comprising a monolithic base in which the Rx-filter and Tx-filter are arranged.

14. (New) The duplexer of claim 4, wherein the length of the first lower shielding clamp and the length of the second lower shielding clamp is less than the length of the base.

15. The duplexer of claim 10, wherein the crossbeam is bent around the first surface and is arranged at a short distance from the first surface.

16. The method of claim 15, wherein the short distance comprises about 0.5 millimeters.